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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/940,242	08/27/2001	Michael L. Van De Vanter	004-4911-1	7182

22120 7590 09/15/2005

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EXAMINER

INGBERG, TODD D

ART UNIT PAPER NUMBER

2193

DATE MAILED: 09/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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<b>Interview Summary</b>	Application No. 09/940,242	Applicant(s) VAN DE VANTER ET AL.	
	Examiner Todd Ingberg	Art Unit 2193	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Todd Ingberg. (3) David W. O'Brien.  
 (2) Steven R. Gilliam. (4) \_\_\_\_\_

Date of Interview: 08 September 2005.

Type: a) ☒ Telephonic b) ☐ Video Conference  
 c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.  
 If Yes, brief description: \_\_\_\_\_

Claim(s) discussed: 1.

Identification of prior art discussed: JAVADOC (May not be prior art).

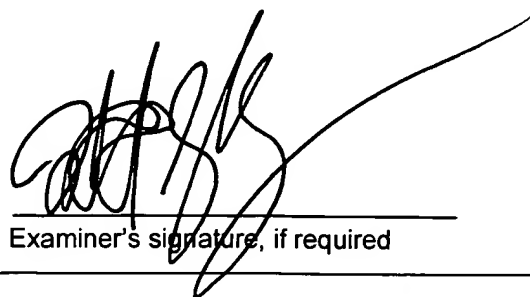
Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Agreement is Disposition. See sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

  
 Examiner's signature, if required

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## Summary of Record of Interview Requirements

### Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

### Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

#### Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

#### 37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,  
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

### Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

### ***Interview Summary***

Examiner had requested an Interview After Final.

#### **I. Actual Invention**

Functionality provided by the Invention is the ability for programmers to enter code into an IDE and the underlying interpreter distinguishes between code (Such as JAVA™) and the comments which are able to be formatted in to comments in a hypertext format. The example of JAVA and a Hypertext language is not a limiting example. The invention is the support to distinguish based on lexical rules. Which in short means the languages do not need to be explicitly claimed. The Examiner used these two as an example.

#### **II. Claimed Invention**

Claim 1 was discussed and is presented below:

Claim 1

An interactive software engineering tool, which is embodied on a computer readable medium, that, for distinct portions of a single unit of source code thereof with behavior according to a corresponding set of lexical rules, wherein transition of the behavior from that in accordance with a first lexical context to that in accordance with a second lexical context is based on recognition of an opening boundary token according to the first lexical context and without use of a structural command to the interactive software engineering tool.

#### **Claim Analysis**

##### **Claim Limitations**

An interactive software engineering tool, which is embodied on a computer readable medium, that,

##### **Meaning of Claim Limitations**

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The preamble is given patentable weight.

**Claim Limitations**

for distinct portions of a single unit of source code

**Meaning of Claim Limitations**

The ability to enter code in the interactive software engineering tool.

**Claim Limitations**

thereof with behavior according to a corresponding set of lexical rules,

**Meaning of Claim Limitations**

The code has lexical rules which inherently relate to grammar rules.

**Claim Limitations**

wherein transition of the behavior from that in accordance with a first lexical context to that in accordance with a second lexical context is based on recognition of an opening boundary token

**Meaning of Claim Limitations**

The ability to transition between two distinct lexical contexts (example given JAVA and comments).

**Claim Limitations**

according to the first lexical context and without use of a structural command to the interactive software engineering tool.

**Meaning of Claim Limitations**

The ability to automatically perform the transition with out the use of built in tools such as templates or pull down menus. The transition is performed by the interpreted functionality of the underlying software.

### **III. Art in Industry**

The mentioning of "JAVADOC" was made. In the event, JAVADOC is the product of the Assignee it would speed prosecution if the Applicant would submit an IDS and the original for sale and/or for use date and with a statement of relevance the differences between the claimed invention and the tool JAVADOC. The Examiner updated a search focusing on JAVADOC and has made of record a 1995 article by an employee of the Assignee (Sun Microsystems Inc.).

### **IV Disposition of Interview**

The Interview was productive and the finality will be withdrawn.

Attachment: Agenda

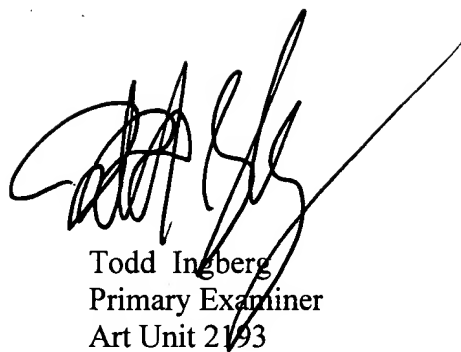
### ***Correspondence Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Todd Ingberg whose telephone number is (571) 272-3723. The examiner can normally be reached on during the work week..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on (571) 272-3719. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Todd Ingberg  
Primary Examiner  
Art Unit 2193

TI

## **Agenda for Examiner Interview**

### **Participants**

Todd D. Ingberg

Steven R. Gilliam

David W. O'Brien

Applicant would like to focus the Interview on the following topics:

- Understanding of "lexical contexts" with reference to claims 5 and 11 and Figures 5 and 6 as guidance and in contrast to Shulman's Figures 2 – 4
- Distinction between transitioning behavior in accordance with different lexical contexts and the pop-up window of Shulman
- Boundary tokens between lexical contexts vs. a period in Shulman
- Distinction between a software tool automatically introducing a closing boundary token and a user entering a delimiter